

I claim:

1. A device for cleaning roller covers, the device comprising:
 - an inlet manifold with threads about an outer perimeter having a plurality
 - 5 of inlet apertures radially spaced to be adjacent fibrous portions of a roller cover during use and a fluid supply inlet centrally located adjacent the inlet apertures;
 - a first sealing surface positioned within the radius of the inlet apertures for directing fluid flow toward the fibrous portions of the roller cover during use;
 - a housing having an inner cavity for receiving roller covers with a
 - 10 diameter sized to create cleansing fluid flow through the fibrous portions of a roller cover during use and an inwardly tapered portion positioned to be adjacent a tapered second end of the roller cover for maintaining the cleansing fluid flow adjacent the tapered second end;
 - a plurality of outlet apertures positioned adjacent the inwardly tapered
 - 15 portion of the housing radially spaced to be adjacent fibrous portions of a roller cover during use;
 - an outwardly protruding flange about the housing; and
 - a fastening ring having threads for mating relationship with the threads about the outer perimeter of the inlet manifold for tightening the housing against
 - 20 the inlet manifold with a central aperture larger than the inner diameter of the housing defining a lip for engagement with the flange.

2. The device of claim 1 wherein the inner cavity of the housing has a length such that a first end of the roller cover seals against the first sealing surface of the inlet manifold and the tapered second end of the roller cover abuts a bottom wall of the inner cavity during use.

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3. The device of claim 2 further comprising a spacer sleeve sized and shaped to fit within and against walls of the inner cavity of the housing.

4. The device of claim 2 further comprising a bottom spacer sized and shaped to fit adjacent the second end of the roller cover for accommodating roller covers of varying length.

5. The device of claim 3 further comprising a second sealing surface connected to the inlet manifold surrounding the inlet apertures positioned to provide a fluid tight seal between the housing and the inlet manifold during use.

6. The device of claim 5 wherein the inlet apertures are radially spaced from about 1 7/8 inches to about 2 1/8 inches apart.

7. The device of claim 6 wherein at least one of the inlet apertures are angled inwardly toward a center point of the radial spacing.

8. The device of claim 4 further comprising a threaded collar connected to the inlet manifold axially aligned with the supply inlet for connecting the inlet manifold to a fluid supply.
- 5 9. The device of claim 8 further comprising at least one foot portion connected to the housing for standing the housing in an upright position providing clearance for fluids exiting the housing during use.
10. A spray head for cleaning roller covers, the head comprising:
- 10 a fluid supply inlet having a fastener collar for fastening to a fluid supply;
- a fluid collection chamber in communication with the fluid supply inlet defined by a retention wall;
- threads about an outer perimeter of the fluid collection chamber;
- a plurality of radially spaced spray apertures through the retention wall;
- 15 a first sealing surface positioned within the radius of the spray apertures sized to substantially seal off an end of a roller cover during use;
- a second sealing surface connected to the retention wall surrounding the spray apertures positioned to provide a fluid tight seal between the retention wall and a lip of a housing during use; and
- 20 a fastening ring having a central aperture for receiving a roller cleaner housing and threads for mating relationship with the threads about the fluid collection chamber for tightening a housing against the second sealing surface during use.

11. The head of claim 10 wherein the at least one of the spray apertures are angled inwardly toward a center point of the radial spacing.

5 12. The head of claim 10 wherein the spray apertures are radially spaced from about 1 7/8 inches to about 2 1/8 inches apart.

13. The head of claim 12 wherein the spray apertures are from about 1/16 inch to about 1/8 inch in diameter.

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14. The head of claim 13 wherein the spray apertures are about 3/32 inch in diameter.

15. A device for cleaning roller covers, the device comprising:

15 a spray head having a fluid supply inlet with a fastener collar for fastening to a fluid supply;

a fluid collection chamber within the spray head in communication with the fluid supply inlet defined by a retention wall;

threads about an outer perimeter of the spray head;

20 a plurality of spray apertures radially spaced to be adjacent fibrous portions of a roller cover during use;

a first sealing surface positioned within the radius of the spray apertures sized to substantially seal off an end of a roller cover during use;

a housing having an inner cavity for receiving roller covers with a diameter sized to create cleansing fluid flow through the fibrous portions of a roller cover during use and an inwardly tapered portion positioned to be adjacent a tapered second end of the roller cover for maintaining the cleansing fluid flow adjacent the tapered second end;

a plurality of outlet apertures positioned adjacent the inwardly tapered portion of the housing radially spaced to be adjacent the fibrous portions of a roller cover during use;

an outwardly protruding flange about the housing; and

a fastening ring having a central aperture for receiving the housing and threads for mating engagement with the threads about the perimeter of the spray head for tightening the housing against the retention wall.

16. The device of claim 15 further comprising a second sealing surface connected to the retention wall surrounding the spray apertures positioned to provide a fluid tight seal between the housing and the spray head during use.

17. The device of claim 16 wherein at least one of the spray apertures are angled inwardly toward a center point of the radial spacing.

18. The device of claim 15 wherein the spray apertures are radially spaced from about 1 7/8 inches to about 2 1/8 inches apart.

19. The device of claim 18 wherein the inner cavity of the housing has a length such that a first end of the roller cover seals against the first sealing surface and the tapered second end of the roller cover abuts a bottom wall of the inner cavity during use.

5 20. The device of claim 19 further comprising at least one foot portion connected to the housing for standing the housing in an upright position providing clearance for fluids exiting the housing during use.

21. A roller cleaning kit, the kit comprising:

10 a spray head having a fluid supply inlet with a fastener collar for fastening to a fluid supply;

a fluid collection chamber within the spray head in communication with the fluid supply inlet defined by a retention wall;

threads about an outer perimeter of the spray head;

15 a plurality of spray apertures radially spaced to be adjacent fibrous portions of a roller cover during use;

a first sealing surface positioned within the radius of the spray apertures sized to substantially seal off an end of a roller cover during use;

20 a plurality of housings having inner cavities for receiving roller covers of differing diameter, the plurality of housings having differing diameters sized to create cleansing fluid flow through the fibrous portions of the roller covers during use and an inwardly tapered portion positioned to be adjacent a tapered second

end of the roller cover for maintaining the cleansing fluid flow adjacent the tapered second end;

an outwardly protruding flange about each of the plurality of housings having substantially similarly sized outer diameters; and

5 a fastening ring having a central aperture for receiving the housings and threads for mating engagement with the threads about the perimeter of the spray head for tightening the housings against the retention wall.

22. The device of claim 21 further comprising a second sealing surface connected to
10 the retention wall surrounding the spray apertures positioned to provide a fluid tight seal between the housing and the spray head during use.

23. The device of claim 22 wherein at least one of the spray apertures are angled inwardly toward a center point of the radial spacing.

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24. The device of claim 21 wherein the spray apertures are radially spaced from about 1 7/8 inches to about 2 1/8 inches apart.

25. The device of claim 24 wherein the inner cavities of the housings have a length
20 such that a first end of the roller cover seals against the first sealing surface and the tapered second end of the roller cover abuts a bottom wall of the inner cavity during use.

26. The device of claim 25 further comprising at least one foot portion connected to the housing for standing the housing in an upright position providing clearance for fluids exiting the housing during use.

5 27. A method of cleaning a roller cover, the method comprising:

collecting cleansing fluid in a collection chamber adjacent a fluid supply inlet;

10 increasing inlet velocity of the cleansing fluid into a housing for cleaning roller covers by concentrating the cleansing fluid flow through radially spaced inlet apertures, the inlet apertures directing the cleansing fluid to inner nap portions of a roller cover;

guiding the cleansing fluid toward tapered end portions of the roller cover by tapering inner cavity portions of the housing adjacent the tapered end portion of the roller cover; and

15 maintaining cleansing fluid pressure within the housing by restricting cleansing fluid exit from the housing through radially spaced outlet apertures.

28. The method of claim 27 further comprising increasing cleansing fluid residence time within the housing by restricting cleansing fluid exit from the housing through the
20 radially spaced outlet apertures.